

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number:

10/519,259

Source:

IPCT

Date Processed by STIC:

1-7805

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PCT

RAW SEQUENCE LISTING

DATE: 01/18/2005

PATENT APPLICATION: US/10/519,259

TIME: 11:44:34

Input Set : N:\KEISHA\10519259.txt

Output Set: N:\CRF4\01182005\J519259.raw

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3 <110> APPLICANT: SCHUTZ, MICHAEL
4     MEYER, ROMAN
5     GRALLERT, HOLGER
6     MILLER, STEFAN
8 <120> TITLE OF INVENTION: METHOD FOR DETECTING AND FOR REMOVING ENDOTOXIN
10 <130> FILE REFERENCE: DEBE:046US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/519,259
13 <141> CURRENT FILING DATE: 2004-12-21
15 <150> PRIOR APPLICATION NUMBER: PCT/DE2003/002096
16 <151> PRIOR FILING DATE: 2003-06-24
18 <150> PRIOR APPLICATION NUMBER: DE 103 07 793.6
19 <151> PRIOR FILING DATE: 2003-02-24
21 <150> PRIOR APPLICATION NUMBER: DE 102 28 133.5
22 <151> PRIOR FILING DATE: 2002-06-24
25 <160> NUMBER OF SEQ ID NOS: 8
27 <170> SOFTWARE: PatentIn version 3.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 78
31 <212> TYPE: DNA
32 <213> ORGANISM: artificial sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Primer
37 <400> SEQUENCE: 1
39 gaaggaacta gtcatatggc tagctggagc caccgcagc tcgaaaaagg cgccagtaat      60
40 aatacatatc aacacggtt                                                    78
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 54
45 <212> TYPE: DNA
46 <213> ORGANISM: artificial sequence
48 <220> FEATURE:
*49 <223> OTHER INFORMATION: Primer
51 <400> SEQUENCE: 2
53 acgcgcgaaag cttgtcgacg gatcctatca ttcttttacc ttaattatgt agtt      54
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 78
58 <212> TYPE: DNA
59 <213> ORGANISM: artificial sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Primer
64 <400> SEQUENCE: 3
66 gaaggaacta gtcatatggc ttgttggagc caccgcagc tcgaaaaagg cgccagtaat      60
67 aatacatatc aacacggtt                                                    78
70 <210> SEQ ID NO: 4

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71 <211> LENGTH: 78
72 <212> TYPE: DNA
73 <213> ORGANISM: artificial sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Primer
78 <400> SEQUENCE: 4
80 gaaggaacta gtcatatggc tagctggagc caccgcagc tcgaaaagg cgctgtaat      60
81 aatacatatc aacacgtt                                     78
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 19
86 <212> TYPE: PRT
87 <213> ORGANISM: artificial sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Tag for targeted Biotinylation
92 <400> SEQUENCE: 5
94 Met Ala Ser Trp Ser His Pro Gln Phe Glu Lys Gly Ala Ser Asn Asn
95 1          5          10          15
96 Thr Tyr Gln
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 19
102 <212> TYPE: PRT
103 <213> ORGANISM: artificial sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Tag for targeted Biotinylation
108 <400> SEQUENCE: 6
110 Met Ala Cys Trp Ser His Pro Gln Phe Glu Lys Gly Ala Ser Asn Asn
111 1          5          10          15
112 Thr Tyr Gln
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 19
118 <212> TYPE: PRT
119 <213> ORGANISM: artificial sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Tag for targeted Biotinylation
124 <400> SEQUENCE: 7
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127 1          5          10          15
128 Thr Tyr Gln
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 539
134 <212> TYPE: PRT
135 <213> ORGANISM: artificial sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: P12 with a tag for targeted Biotinylation
140 <400> SEQUENCE: 8
142 Met Ala Ser Trp Ser His Pro Gln Phe Glu Lys Gly Ala Ser Asn Asn
143 1          5          10          15
145 Thr Tyr Gln His Val Ser Asn Glu Ser Arg Tyr Val Lys Phe Asp Pro
146          20          25          30

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148 Thr Asp Thr Asn Phe Pro Pro Glu Ile Thr Asp Val Gln Ala Ala Ile
149      35      40      45
151 Ala Ala Ile Ser Pro Ala Gly Val Asn Gly Val Pro Asp Ala Ser Ser
152      50      55      60
154 Thr Thr Lys Gly Ile Leu Phe Leu Ala Thr Glu Gln Glu Val Ile Asp
155 65      70      75      80
157 Gly Thr Asn Asn Thr Lys Ala Val Thr Pro Ala Thr Leu Ala Thr Arg
158      85      90      95
160 Leu Ser Tyr Pro Asn Ala Thr Glu Ala Val Tyr Gly Leu Thr Arg Tyr
161      100     105     110
163 Ser Thr Asp Asp Glu Ala Ile Ala Gly Val Asn Asn Glu Ser Ser Ile
164      115     120     125
166 Thr Pro Ala Lys Phe Thr Val Ala Leu Asn Asn Val Phe Glu Thr Arg
167      130     135     140
169 Val Ser Thr Glu Ser Ser Asn Gly Val Ile Lys Ile Ser Ser Leu Pro
170 145     150     155     160
172 Gln Ala Leu Ala Gly Ala Asp Asp Thr Thr Ala Met Thr Pro Leu Lys
173      165     170     175
175 Thr Gln Gln Leu Ala Val Lys Leu Ile Ala Gln Ile Ala Pro Ser Lys
176      180     185     190
178 Asn Ala Ala Thr Glu Ser Glu Gln Gly Val Ile Gln Leu Ala Thr Val
179      195     200     205
181 Ala Gln Ala Arg Gln Gly Thr Leu Arg Glu Gly Tyr Ala Ile Ser Pro
182      210     215     220
184 Tyr Thr Phe Met Asn Ser Thr Ala Thr Glu Glu Tyr Lys Gly Val Ile
185 225     230     235     240
187 Lys Leu Gly Thr Gln Ser Glu Val Asn Ser Asn Asn Ala Ser Val Ala
188      245     250     255
190 Val Thr Gly Ala Thr Leu Asn Gly Arg Gly Ser Thr Thr Ser Met Arg
191      260     265     270
193 Gly Val Val Lys Leu Thr Thr Thr Ala Gly Ser Gln Ser Gly Gly Asp
194      275     280     285
196 Ala Ser Ser Ala Leu Ala Trp Asn Ala Asp Val Ile His Gln Arg Gly
197      290     295     300
199 Gly Gln Thr Ile Asn Gly Thr Leu Arg Ile Asn Asn Thr Leu Thr Ile
200 305     310     315     320
202 Ala Ser Gly Gly Ala Asn Ile Thr Gly Thr Val Asn Met Thr Gly Gly
203      325     330     335
205 Tyr Ile Gln Gly Lys Arg Val Val Thr Gln Asn Glu Ile Asp Arg Thr
206      340     345     350
208 Ile Pro Val Gly Ala Ile Met Met Trp Ala Ala Asp Ser Leu Pro Ser
209      355     360     365
211 Asp Ala Trp Arg Phe Cys His Gly Gly Thr Val Ser Ala Ser Asp Cys
212      370     375     380
214 Pro Leu Tyr Ala Ser Arg Ile Gly Thr Arg Tyr Gly Gly Ser Ser Ser
215 385     390     395     400
217 Asn Pro Gly Leu Pro Asp Met Arg Gly Leu Phe Val Arg Gly Ser Gly
218      405     410     415
220 Arg Gly Ser His Leu Thr Asn Pro Asn Val Asn Gly Asn Asp Gln Phe

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```

221          420          425          430
223 Gly Lys Pro Arg Leu Gly Val Gly Cys Thr Gly Gly Tyr Val Gly Glu
224          435          440          445
226 Val Gln Lys Gln Gln Met Ser Tyr His Lys His Ala Gly Gly Phe Gly
227          450          455          460
229 Glu Tyr Asp Asp Ser Gly Ala Phe Gly Asn Thr Arg Arg Ser Asn Phe
230 465          470          475          480
232 Val Gly Thr Arg Lys Gly Leu Asp Trp Asp Asn Arg Ser Tyr Phe Thr
233          485          490          495
235 Asn Asp Gly Tyr Glu Ile Asp Pro Ala Ser Gln Arg Asn Ser Arg Tyr
236          500          505          510
238 Thr Leu Asn Arg Pro Glu Leu Ile Gly Asn Glu Thr Arg Pro Trp Asn
239          515          520          525
241 Ile Ser Leu Asn Tyr Ile Ile Lys Val Lys Glu
242          530          535

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VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number